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Montana. Dept. of Fish, Wildlife, and Parks
[Thompson Chain of Lakes, environmental assessment for

Department of Fish, Wildlife & Parks

STATE DOCUMENTS COLLECTION

DEC 22 1995

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Region One
490 North Meridian Rd.
Kalispell, MT 59901
(406) 752-5501
FAX: 406-257-0349
Ref:DV059.96
July 20, 1995

TO: Environmental Quality Council, Capitol Building, Helena, 59620-1704
Department of Health & Environmental Sciences, Director's Office, Room C108, Cogswell Bldg., Helena, 59620-0901
Montana Fish, Wildlife & Parks

Director's Office	Parks Division
Fisheries Division	Wildlife Division
Regional Supervisor	Lands Section
Design and Construction	Legal Unit
Mary Ellen McDonald (when LWCF)	Bobbi Keeler (when P-R, D-J)

Montana Historical Society, State Historic Preservation Office, 225 North Roberts, Veteran's Memorial Building, Helena, 59620-1201
Montana State Library, 1515 East Sixth Avenue, Helena, 59620-1800
Jim Jensen, Montana Environmental Information Center, PO Box 1184, Helena, 59624
George Ochenski, PO Box 689, Helena, 59624
Wayne Hirst, Montana State Parks Foundation, PO Box 728, Libby, 59923 (PARK EAs)
Janet Ellis, Montana Audubon Council, PO Box 595, Helena, 59624
Montana Wildlife Federation, PO Box 1175, Helena, 59624
Joe Gutkoski, 304 North 18th, Bozeman, 59715
Dave Majors, 3289 Wood Duck Lane, Stevensville, 59870-6696
Herb Johnson, 63 Hawthorne Ave., Apt. 2, Kalispell, 59901
Arlene Montgomery, Friends of the Wild Swan, PO Box 5103, Swan Lake, MT 59911
Flathead Wildlife, Inc., Bob Cole, PO Box 4, Kalispell, 59903
Flathead Regional Development Office, 723 Fifth Avenue East, Room 414, Kalispell, 59901
County Commissioners
Fisher River Fire Dept., 39704 Hwy. 250, Libby, MT 59923

Ladies and Gentlemen:

The enclosed Environmental Assessment (EA) has been prepared for the installation of dry hydrants at Thompson Chain of Lakes, and is submitted for your consideration. Questions and comments will be accepted until August 18, 1995. There will be an open house if there are requests that we do so. Please direct your questions or comments to Marty Watkins at (406) 752-5501. Thank you.

Sincerely,

Dan Vincent
Regional Supervisor

/nb

Enclosure

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MEPA/NEPA/HB495 CHECKLIST

PART I. PROPOSED ACTION DESCRIPTION

1. **Type of Proposed Action** Installation of Dry Hydrants. The Fisher River Volunteer Fire Company desires to install Dry Hydrants at several places around the lakes in their fire district. This would provide an all-weather source of water to be used for structure and wildland fire suppression. There would be a small amount of sediment disturbance during the construction of the hydrants.

2. **Agency Authority for the Proposed Action** Fisher River Volunteer Fire Company.

3. **Name of Project** Dry Hydrants-Thompson Chain of Lakes

4. **Name, Address and Phone Number of Project Sponsor (if other than the agency)**
Fisher River Volunteer Fire Company
c/o Leland E. Hoeltzel, Fire Chief
39704 Hwy 250
Libby, MT 59923
(406) 293-9845 (Home)
(406) 293-4200 (Work)

5. **If Applicable:**

Estimated Construction/Commencement Date After receiving all permits and funding
Estimated Completion Date Construction should take about one day per hydrant
Current Status of Project Design (% complete) 75 percent

6. **Location Affected by Proposed Action (county, range and township)**
Lincoln County, R27, T26, Sec. 4 & 11
Lincoln County, R27, T27, Sec. 30

7. **Project Size: Estimate the number of acres that would be directly affected that are currently:**

(a) Developed:
residential ..... 0 acres
industrial ..... 0 acres

(b) Open Space/Woodlands/
Recreation ..... 0 acres

(c) Wetlands/Riparian
Areas ..... 0 acres

(d) Floodplain ..... 1 acres

(e) Productive:
irrigated cropland ..... 0 acres
dry cropland ..... 0 acres
forestry ..... 0 acres
rangeland ..... 0 acres
other ..... 0 acres

WRM 95-135421

8. **Map/site plan: attach an original 8 1/2" x 11" or larger section of the most recent USGS 7.5' series topographic map showing the location and boundaries of the area that would be affected by the proposed action. A different map scale may be substituted if more appropriate or if required by agency rule. If available, a site plan should also be attached.**

See Attachment #1, Chain of Lakes Project Map #1 of 2 for site locations. See Attachments 2, 3 and 4 for design plans for Hydrant #1. See Attachment #5 for design plans for Hydrants #2, #3 and #4.

9. **Narrative Summary of the Proposed Action or Project including the Benefits and Purpose of the Proposed Action.**

The purpose of this activity is to develop an all-weather source of water for fire suppression. It is anticipated that with this water source the residents of the area will enjoy a lower insurance rate and the Fire Company will be able to perform its duties better.

10. **Listing of any other Local, State or Federal agency that has overlapping or additional jurisdiction.**

(a) Permits:

Agency Name	Permit	Date Filed/#
Dept. of Health & Environ. Science Water Quality Bureau		5/19/95
Lincoln Co. Planning	Floodplain Development	5/19/95
FWP	Stream Preservation	5/19/95
Dept. of Army	(33CFR325)	5/19/95

(b) Funding:

Agency Name	Funding Amount
Fisher River Volunteer Fire Company	$700 to $1,000 per Dry Hydrant

(c) Other Overlapping or Additional Jurisdictional Responsibilities:

Agency Name	Type of Responsibility

11. **List of Agencies Consulted During Preparation of the EA:**

Montana Fish, Wildlife & Parks (FWP), Kalispell, MT
Director of Planning, Lincoln County, MT
Corp of Engineers, Dept. of the Army, Helena, MT
Dept. of Health and Environmental Science, Water Quality Bureau, Helena, MT

PART II. ENVIRONMENTAL REVIEW

PHYSICAL ENVIRONMENT

1. LAND RESOURCES Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
▶ e. Soil instability or changes in geologic substructure?		X				
b. Disruption, displacement, erosion, compaction, moisture loss, or over-covering of soil which would reduce productivity or fertility?		X				
▶ c. Destruction, covering or modification of any unique geologic or physical features?		X				
d. Changes in siltation, deposition or erosion patterns that may modify the chennel of a river or stream or the bed or shore of a lake?			X			1.d.
e. Exposure of people or property to earthquakes, landslides, ground failure, or other natural hazard?		X				
f. Other _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

1.d. A small amount of siltation will occur while digging and refilling trench for the placement of the pipe. Disturbance time should be a few hours per site.

PHYSICAL ENVIRONMENT

2. AIR Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
▶ a. Emission of air pollutants or deterioration of ambient air quality? (also see 13 (c))		X				
b. Creation of objectionable odors?		X				
c. Alteration of air movement, moisture, or temperature patterns or any change in climate, either locally or regionally?		X				
d. Adverse effects on vegetation, including crops, due to increased emissions of pollutants?		X				
e. ♦ For P-R/D-J projects, will the project result in any discharge which will conflict with federal or state air quality regs? (Also see 2a)		X				
f. Other _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Air Resources (Attach additional pages of narrative if needed):

● Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

PHYSICAL ENVIRONMENT

3. WATER Will the proposed action result in:	IMPACT ☼				Can Impact Be Mitigated ☼	Comment Index
	Unknown ☼	None	Minor ☼	Potentially Significant		
► a. Discharge into surface water or any alteration of surface water quality including but not limited to temperature, dissolved oxygen or turbidity?		X				
b. Changes in drainage patterns or the rate and amount of surface runoff?		X				
c. Alteration of the course or magnitude of flood water or other flows?		X				
d. Changes in the amount of surface water in any water body or creation of a new water body?		X				
e. Exposure of people or property to water related hazards such as flooding?		X				
f. Changes in the quality of groundwater?		X				
g. Changes in the quantity of groundwater?		X				
h. Increase in risk of contamination of surface or groundwater?		X				
i. Effects on any existing water right or reservation?		X				
j. Effects on other water users as a result of any alteration in surface or groundwater quality?		X				
k. Effects on other users as a result of any alteration in surface or groundwater quantity?		X				
l. ♦♦For P-R/D-J, will the project affect a designated floodplain? (Also see 3c)		X				
m. ♦For P-R/D-J, will the project result in any discherge that will affect federal or state water quality regulations? (Also see 3a)		X				
n. Other: _____						

Narretive Description and Evaluation of the Cumulative and Secondary Effects on Water Resources (Attach additional pages of narrative if needed):

☼ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

► Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

PHYSICAL ENVIRONMENT

4. VEGETATION Will the proposed action result in:	IMPACT¤				Can Impact Be Mitigated¤	Comment Index
	Unknown¤	None	Minor¤	Potentially Significant		
a. Changes in the diversity, productivity or abundance of plant species (including trees, shrubs, grass, crops, and aquatic plants)?		X				
b. Alteration of a plant community?		X				
c. Adverse effects on any unique, rare, threatened, or endangered species?		X				
d. Reduction in acreage or productivity of any agricultural land?		X				
e. Establishment or spread of noxious weeds?		X				
f. ♦♦For P-R/D-J, will the project affect wetlands, or prime and unique farmland?		X				
g. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional peges of narrative if needed):

● Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▸ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

PHYSICAL ENVIRONMENT

▸ 5. FISH/WILDLIFE Will the proposed action result in:	IMPACT☼				Can Impact Be Mitigated☼	Comment Index
	Unknown☼	None	Minor☼	Potentially Significant		
a. Deterioration of critical fish or wildlife habitat?		x				
b. Changes in the diversity or abundance of game animals or bird species?		x				
c. Changes in the diversity or abundance of nongame species?		x				
d. Introduction of new species into an area?		x				
e. Creation of a barrier to the migration or movement of animals?		x				
f. Adverse effects on any unique, rare, threatened, or endangered species?		x				
g. Increase in conditions that stress wildlife populations or limit abundance (including harassment, legal or illegal harvest or other human activity)?		x				
h. ♦♦For P-R/D-J, will the project be performed in any area in which T&E species are present, and will the project affect any T&E species or their habitat? (Also see 5f)		x				
i. ♦For P-R/D-J, will the project introduce or export any species not presently or historically occurring in the receiving location? (Also see 5d)		x				
j. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

HUMAN ENVIRONMENT

6. NOISE/ELECTRICAL EFFECTS Will the proposed action result in:	IMPACT☼				Can Impact Be Mitigated☼	Comment Index
	Unknown☼	None	Minor☼	Potentially Significant		
a. Increases in existing noise levels?		x				
b. Exposure of people to serve or nuisance noise levels?		x				
c. Creation of electrostatic or electromagnetic effects that could be detrimental to human health or property?		x				
d. Interference with radio or television reception and operation?		x				
e. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

☼ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▸ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

7. LAND USE Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
a. Alteration of or interference with the productivity or profitability of the existing land use of an area?		x				
b. Conflicted with a designated natural area or area of unusual scientific or educational importance?		x				
c. Conflict with any existing land use whose presence would constrain or potentially prohibit the proposed action?		x				
d. Adverse effects on or relocation of residences?		x				
e. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

HUMAN ENVIRONMENT

8. RISK/HEALTH HAZARDS Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
Risk of an explosion or release of hazardous substances (including, but not limited to oil, pesticides, chemicals, or radiation) in the event of an accident or other forms of disruption?		x				
b. Affect an existing emergency response or emergency evacuation plan or create a need for a new plan?			x			8.b.
c. Creation of any human health hazard or potential hazard?		x				
d. ♦For P-R/D-J, will any chemical toxicants be used? (Also see 8a)		x				
e. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

8.b. Dry hydrants will be of great assistance to the Volunteer Fire Company in the suppression of structure and wildland fires. Without dry hydrants access to water is more difficult in summer and may be impossible in the winter. The impact of a wildland or structure fire made greater due to a decreased ability to fight the fire could be large.

● Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▸ Include a narrative description addressing the items identified in 12.8.604-1e (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

9. COMMUNITY IMPACT Will the proposed action result in:	IMPACT ☼				Can Impact Be Mitigated ☼	Comment Index
	Unknown ☼	None	Minor ☼	Potentially Significant		
a. Alteration of the location, distribution, density, or growth rate of the human population of an area?		X				
b. Alteration of the social structure of a community?		X				
c. Alteration of the level or distribution of employment or community or personal income?		X				
d. Changes in industrial or commercial activity?		X				
e. Increased traffic hazards or effects on existing transportation facilities or patterns of movement of people and goods?		X				
f. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

HUMAN ENVIRONMENT

10. PUBLIC SERVICES/TAXES/UTILITIES Will the proposed action:	IMPACT ☼				Can Impact Be Mitigated ☼	Comment Index
	Unknown ☼	None	Minor ☼	Potentially Significant		
a. Have an effect upon or result in a need for new or altered governmental services in any of the following areas: fire or police protection, schools, parks/recreational facilities, roads or other public maintenance, water supply, sewer or septic systems, solid waste disposal, health, or other governmental services? If any, specify: _____		X				
b. Have an effect upon the local or state tax base and revenues?		X				
c. Result in a need for new facilities or substantial alterations of any of the following utilities: electric power, natural gas, other fuel supply or distribution systems, or communications?		X				
d. Result in increased used of any energy source?		X				
▶ e. Define projected revenue sources		X				
▶ f. Define projected maintenance costs.		X				
g. Other:_____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

☼ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

▸ 11. AESTHETICS/RECREATION Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
a. Alteration of any scenic vista or creation of an aesthetically offensive site or effect that is open to public view?		X				
b. Alteration of the aesthetic character of a community or neighborhood?		X				
▸c. Alteration of the quality or quantity of recreational/tourism opportunities and settings? (Attach Tourism Report)		X				
d. ♦For P-R/D-J, will any designated or proposed wild or scenic rivers, trails or wilderness areas be impacted? (Also see 11a, 11c)		X				
e. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

HUMAN ENVIRONMENT

12. CULTURAL/HISTORICAL RESOURCES Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
▸a. Destruction or alteration of any site, structure or object of prehistoric historic, or paleontological importance?		X				
b. Physical change that would affect unique cultural values?		X				
c. Effects on existing religious or sacred uses of a site or area?		X				
d. ♦♦For P-R/D-J, will the project affect historic or cultural resources? Attach SHPO letter of clearance. (Also see 12.a)		X				
e. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

* Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▸ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

13. SUMMARY EVALUATION OF SIGNIFICANCE Will the proposed action, considered as a whole:	IMPACT☼				Can Impact Be Mitigated☼	Comment Index
	Unknown☼	None	Minor☼	Potentially Significant		
a. Heve impacts thet are individually limited, but cumulatively considerable? (A project or program mey result in impacts on two or more separate resources which create a significant effect when considered together or in total.)		x				
b. Involve potential risks or adverse effects which are uncertain but extremely hazardous if they were to occur?		x				
c. Potentially conflict with the substantive requirements of any local, state, or federal law, regulation, standard or formal plan?		x				
d. Establish a precedent or likelihood that future actions with significant environmental impacts will be proposed?		x				
e. Generate substantial debate or controversy about the nature of the impacts that would be created?		x				
f. ♦For P-R/D-J, is the project expected to have organized opposition or generate substantial public controversy? (Also see 13e)		x				
g. ♦♦For P-R/D-J, list any federal or state permits required.						13.g.

Nerrative Description and Evaluation of the Cumulative and Secondery Effects on Lend Resources (Attach additional pages of narrative if needed):

13.g. See Attachments #6, 7, 8 & 9, copies of permit applications.

☼ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▸ Include e narrative description eddressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

2. Description and analysis of reasonable alternatives (including the no action alternative) to the proposed action whenever alternatives are reasonably available and prudent to consider and a discussion of how the alternatives would be implemented:

Only alternative is to try to get trucks down to water's edge to draft water which will cause more severe bank erosion than caused by dry hydrants.

3. Evaluation and listing of mitigation, stipulation, or other control measures enforceable by the agency or another government agency:

Care will be taken during construction to prohibit siltation into the lakes. Siltation fence will be used as necessary.

4. Based on the significance criteria evaluated in this EA, is an EIS required? **NO** If an EIS is not required, explain why the EA is the appropriate level of analysis for this proposed action:

5. Describe the level of public involvement for this project if any and, given the complexity and the seriousness of the environmental issues associated with the proposed action, is the level of public involvement appropriate under the circumstances?

Legal notice of EA will be published in Libby and Kalispell. No public meetings will be held unless requested.

6. Duration of comment period if any: Thirty days from publication of legal notice.

7. Name, title, address and phone number of the Person(s) Responsible for Preparing the EA:

Marty Watkins
Montana Fish, Wildlife & Parks
490 N.Meridian Road
Kalispell, MT 59901
(406) 752-5501

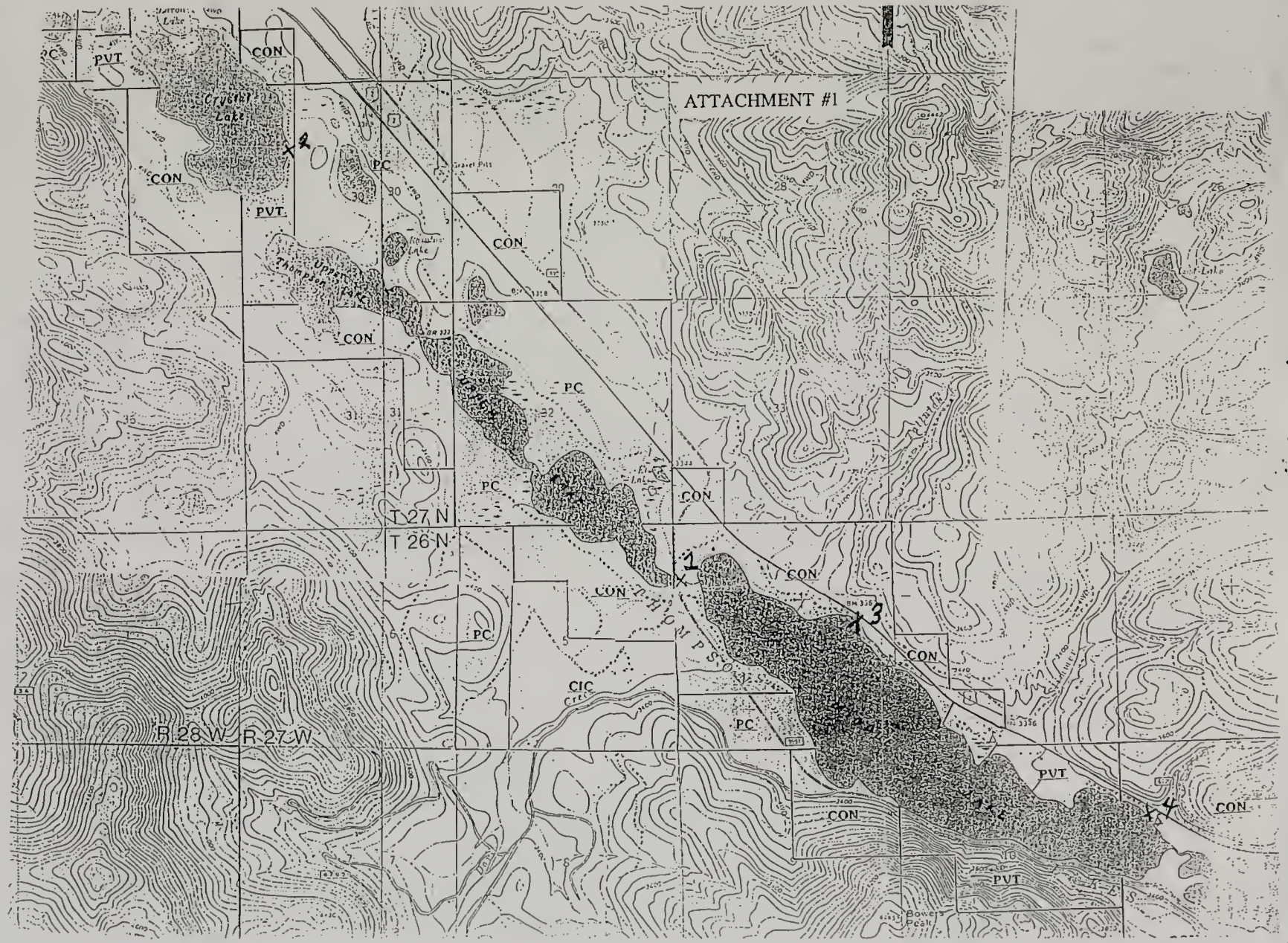
PART III. NARRATIVE EVALUATION AND COMMENT

1.d. A small aount of siltation will occur while digging and refilling trench for the placement of the pipe. Disturbance time should only be a few hours per site.

8.b. Dry hydrants will be of great assistance to the Fisher River Volunteer Fire Company in the suppression of structure and wildland fires. Without dry hydrants access to water is more difficult in summer and may be impossible in winter. The impact of a wildland or structure fire made greater due to a decreased ability to fight the fire would be significant.

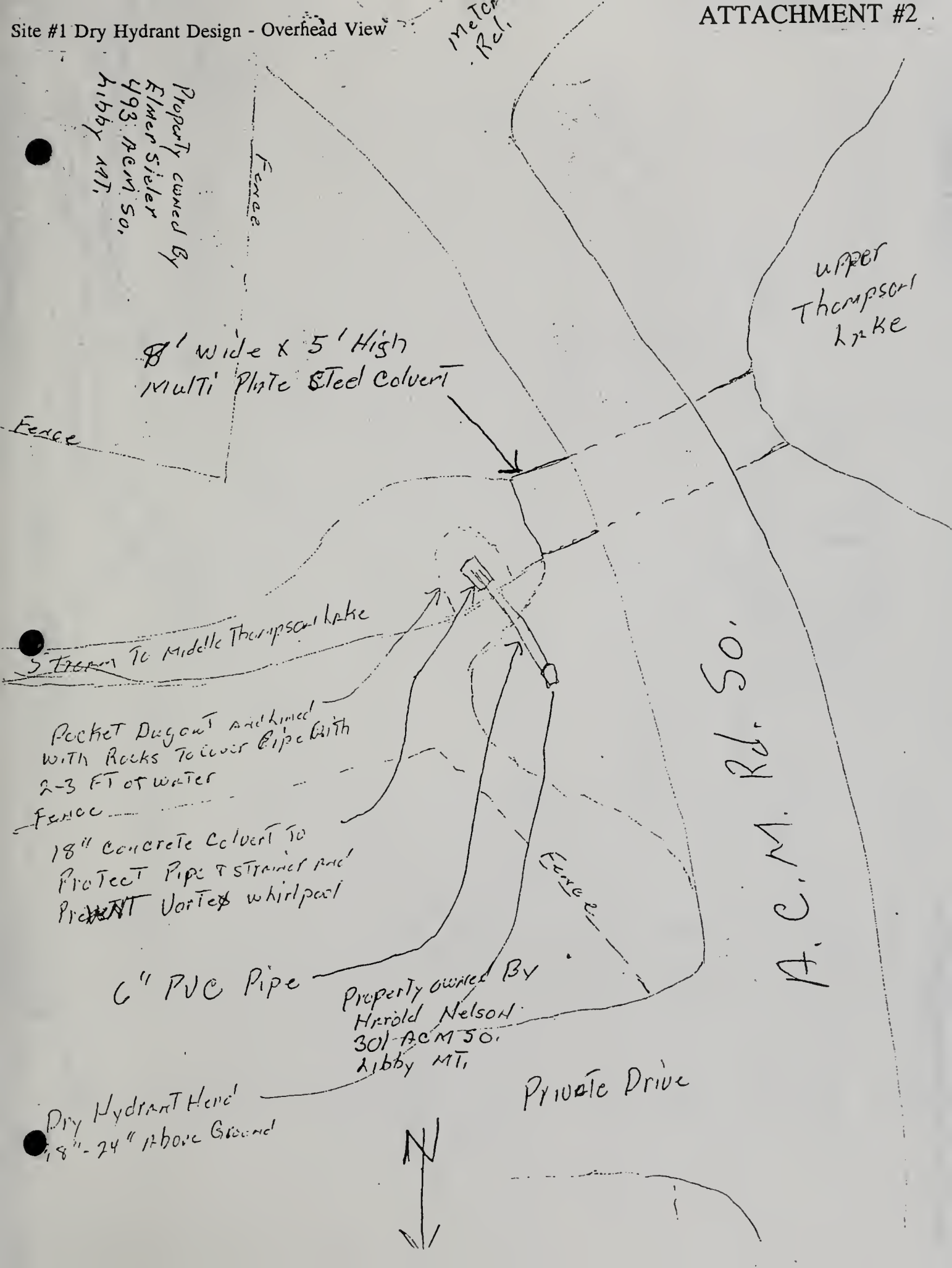
REF:Firehy.tcl
y 20, 1995

ATTACHMENT #1



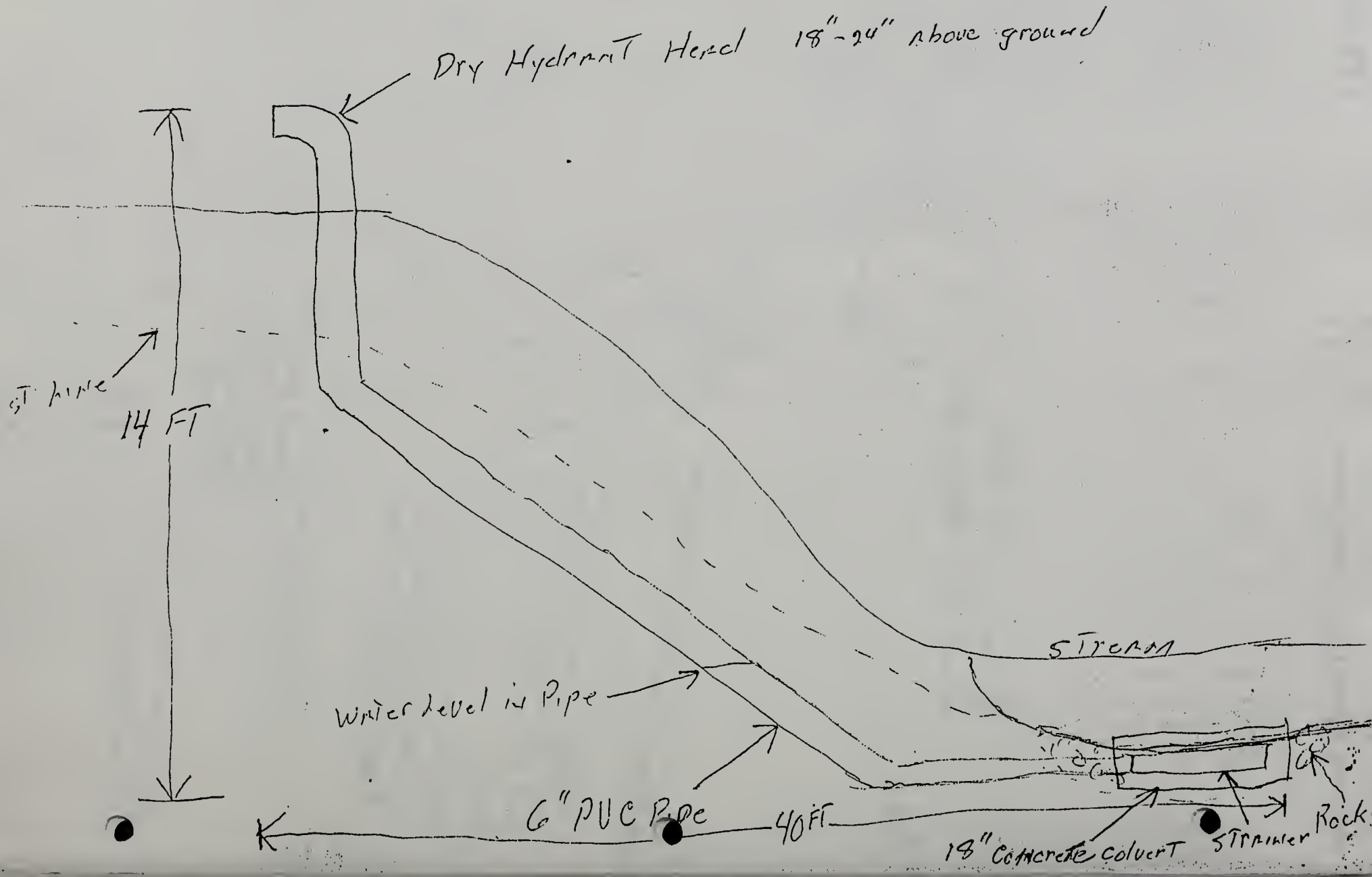
Site #1 Dry Hydrant Design - Overhead View

ATTACHMENT #2



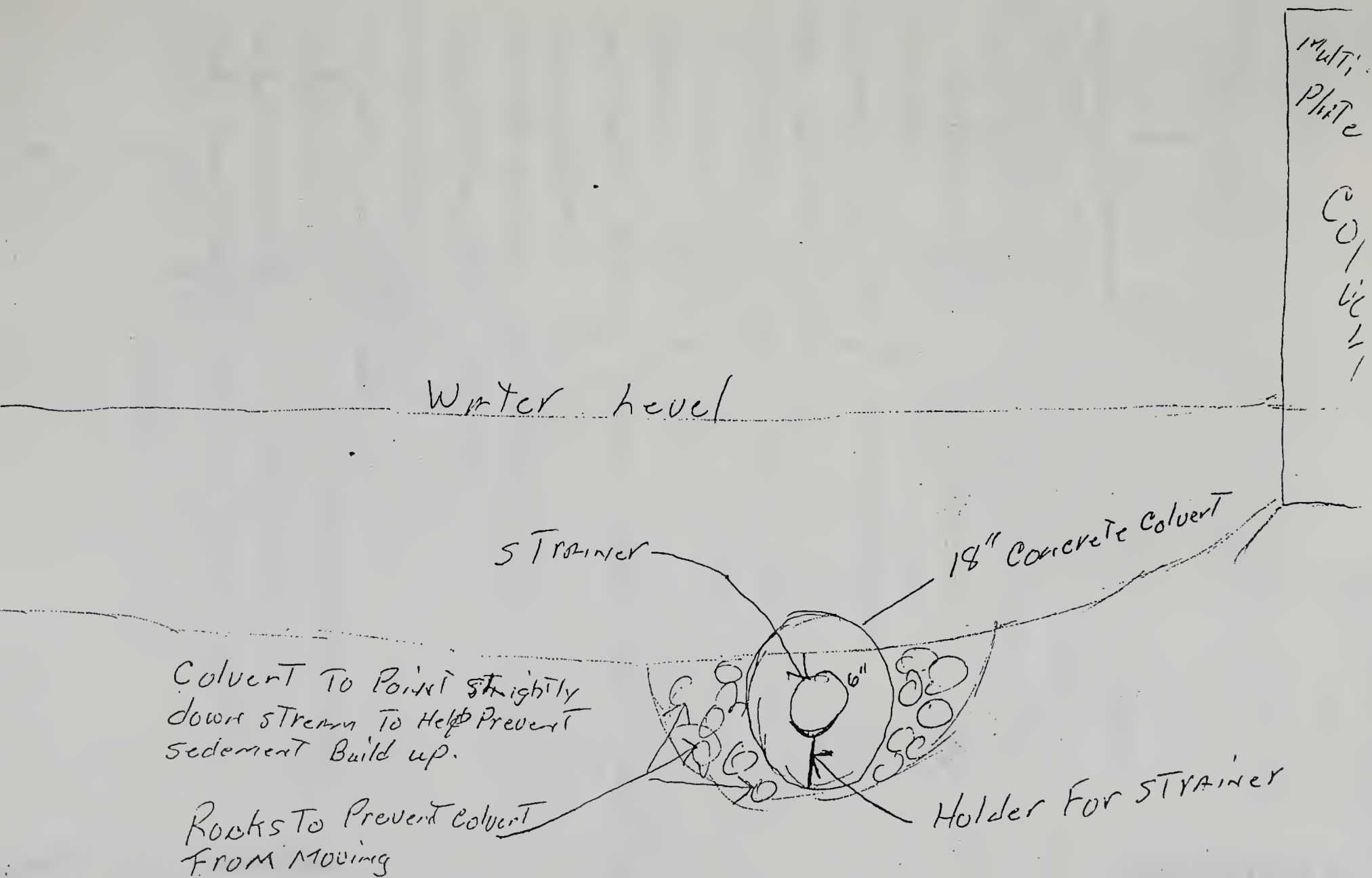
Site #1 Dry Hydrant Design - Side View

ATTACHMENT #3

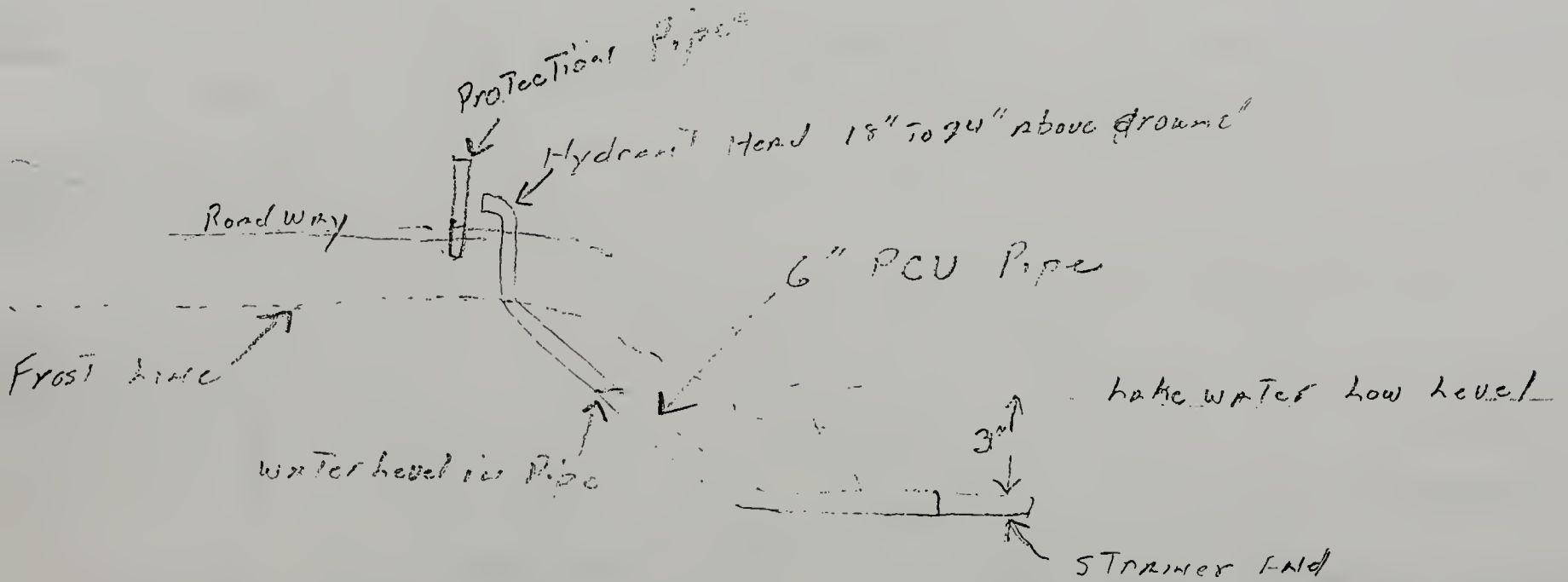


Site #1 Dry Hydrant Design - Front View

ATTACHMENT #4



length of PCV Pipe To be determined at each site



App N
Date Rec'd:
Date Issued:

ATTACHMENT #6

Copy

APPLICATION FOR SHORT-TERM EXEMPTION FROM SURFACE WATER QUALITY STANDARDS FOR CONSTRUCTION ACTIVITY - ARM 16.20.633(3)

Please Print of Type

1. Name, address, and telephone number of person responsible for the construction activity:

NAME: Leland E. Hoeltzel Fire Chief

MAILING ADDRESS: 185 Lakeview Rd.
Libby MT. 59923

TELEPHONE: 293-9845

2. Name, address, and telephone number of contractor or person doing work:

NAME: Fisher River Vol Fire Co.

MAILING ADDRESS: 39704 Hwy 2 S0
Libby MT. 59923

TELEPHONE: 293-9845

3. Name of Waterbody: Stream Between upper Thompson Lake & Middle Thompson Lake

4. County of the construction site: Lincoln

5. Location and/or legal description: S0 ½ of SW¼ of NW¼ of NW¼ of Section 4 Township 26 Range 26

6. Date activity will commence: July 1 1995

Date of completion: ~~Aug~~ Sept. 31 1995

7. *List applications made to other agencies or entities for additional permits or authorization:*

Dept of Army Permit (33 CFR 325)
Stream Preservation Act Permit . Fish, Wildlife, & Parks
Floodland Development Permit . Lincoln Co.

(over, please)

8. Description of all construction activities that may result in stream sedimentation or turbidity:

Include the type of equipment to be used, and specific type of construction to be done (i. e. riprapping, channel changes, excavation, bridge construction, etc.

using a Back Hoe or Excavator Dig a small Pit in Stream Bed and a Trench out of it for the placement of a piece of Colvert and P.C.V. Pipe To Make a dry Hydrant. For the inhancement of Fire Protection in the area. The Pit will Be lined with Rock and the Trench Refilled after Pipe is in Place

9. Discuss alternatives considered and/or available for minimizing or eliminating sedimentation or turbidity:

disturbance of Stream bed ~~and~~ Bank Held To Minamum To acomplish ~~the~~ project. disturbance Time should only Be a Few Hours at most.

10. *Provide any other general information or plans on additional sheets to fully describe project. Provide a location map of the construction site.*

PREPARED BY: Leland E Hoeltzel
Please print or type

TITLE: Fire Chief

SIGNATURE: Leland E Hoeltzel

DATE: 5/6/95

Return to: Department of Health and Environmental Sciences
Water Quality Bureau
Room A-206, Cogswell Building
Helena, MT 59620

ATTACHMENT #8

Copy

FWP Use Only
Date Permit Issued _____
Water Code: _____
Appl. No. _____

STREAM PRESERVATION ACT PERMIT APPLICATION

"Notice of Construction"
(Please Print or Type)

Address: *(see reverse side)*

To: **MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS**

Region 6 via Kalispell MT. Attn: Fish Manager
409 No Meridian Rd.
Kalispell MT. 59901
406-752-5501

SPONSORING AGENCY:

Address: Fisher River Vol Fire Co
39704 Hwy 2 So.
Libby MT. 59923

Official In Charge: Leland E Hoeltzel
Title: Fire Chief

Contact Person: Leland E Hoeltzel
Title: Fire Chief
Telephone: 406-293-9845

Telephone: 406-293-4200

PROJECT IDENTIFICATION: Project Name: _____

Control No. _____ Project No. _____ Waterbody: Stream Between Upper Thompson Lakes

Location: Township 27 Range 27 County: Lincoln

Location to Nearest Town: 43 Miles East of Libby MT.

Project Features:

- ___ Bridge
- ___ Work Bridge and Removal
- ___ Bridge Demolition
- ___ Core Drill
- ___ Culvert
- ___ Dredging
- ___ Hydraulic Structure
- ___ Channel Change
- ___ Bank Stabilization
- ___ Other Install Dry Hydrant For Water Source For Fire Protection

Project Scheduling: Contract Letting N/A ___/___/___

Construction Period ___/___/___ to ___/___/___
1 To 2 Day After receiving all Necessary Permits

Allow sixty (60) days for application processing. A set of preliminary plans or sketches of the proposed project must accompany this application. (NOTE: Dept. of Transportation sponsored projects require two sets of plans sent with this form to Helena DFWP address.)

___ Plans X Sketches ___ Other Location Map

Leland E Hoeltzel
Signature

5/6/95
Date

Distribution: *White/Yellow—Region* *Pink—Applicant*

Form: 124SPA 1/94

ATTACHMENT #7

[revised ...

Copy

FLOODPLAIN DEVELOPMENT PERMIT

A permit must be issued by the Floodplain Administrator before the development can begin.

THIS SECTION TO BE COMPLETED BY THE APPLICANT

Name of Applicant Fisher River Vol Fire Co Date 5/6/95

Address 39704 Hwy 2 So.
Libby MT. 59923 Phone 293-9845

Location of Proposed Development So 1/2 of SW 1/4 of NW 1/4 of NW 1/4 of Section 4 Township 27 Range 27 Owner MT. Fish, Wildlife + Parks

Description of Development (check box or boxes which best describe development)

___ Residential ___ Subdivision ___ Bridge ___ New Construction
___ Mobile Home ___ Mobile Home Park ___ Culvert ___ Addition
___ Commercial ___ Watercourse Alteration ___ Fill ___ Improvement
___ Other (explain) Placement of Dry Hydrant in Stream for Enhanced Fire Protection

[signature] Fire Chief
Signature of Applicant

ATTACH TO THE APPLICATION THE FOLLOWING INFORMATION

Plans in duplicate drawn to scale showing:

A) Dimensions of the development site
B) Elevations of the development site
C) Proposed structures: buildings, mobile homes, bridges, culverts, etc. (include existing structures where appropriate)
D) Placement, number, and type of anchors for mobile homes
E) Utility connection locations: sewer, water, gas, and electric
F) Bridge and culvert plans must include hydraulic computations by a registered engineer
G) Fill location & dimensions
H) Storage of materials
I) Drainage facilities
J) Water course alterations including plan drawings, cross sections, and hyraulic computations.

Be sure to include the following:

1) Mean Sea Level (MSL) elevation of the lowest floor (including basement) of proposed structure(s), or
2) MSL elevation to which structure(s) is to be floodproofed.
(Applicants may be required to furnish additional information.)

___ A permit fee of $ ___ must accompany this application. XX No fee is required.

Send this application and all correspondence concerning this permit to:

Name & Title Ken C. Peterson, Director of Planning

Address 418 Mineral Avenue
Libby, Montana 59923 Phone (406) 293-7781

Copy

ATTACHMENT #9

APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT

(33 CFR 325)

OMB APPROVAL NO. 0710-0003
Expires 30 September 1992

Public reporting burden for this collection of information is estimated to average 5 hours per response for the majority of cases, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Applications for larger or more complex projects, or those in ecologically sensitive areas, could take up to 500 hours. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Service, Directorate for Information Operations and Projects, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302; and to the Office of Management and Budget, Paperwork Reduction Project (0710-0003), Washington, DC 20503. Please DO NOT RETURN your completed form to either of these addresses. Completed application must be submitted to the District Engineer having jurisdiction over the location of the proposed activity.

The Department of the Army permit program is authorized by Section 10 of the Rivers and Harbors Act of 1899, Section 404 of the Clean Water Act and Section 103 of the Marine Protection, Research and Sanctuaries Act. These laws require permits authorizing activities in or affecting navigable waters of the United States, the discharge of dredged or fill material into waters of the United States, and the transportation of dredged material for the purpose of dumping it into ocean waters. Information provided on this form will be used in evaluating the application for a permit. Information in this application is made a matter of public record through issuance of a public notice. Disclosure of the information requested is voluntary; however, the data requested are necessary in order to communicate with the applicant and to evaluate the permit application. If necessary information is not provided, the permit application cannot be processed nor can a permit be issued.

One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

1. APPLICATION NUMBER (To be assigned by Corps)

2. NAME AND ADDRESS OF APPLICANT

Fisher River Vol Fire Co
39704 Hwy 2 So.
Libby MT. 59923

Telephone no. during business hours

A/C 406 293 9845 (Residence)
A/C 406 293-4200 (Office)

3. NAME, ADDRESS, AND TITLE OF AUTHORIZED AGENT

Telephone no. during business hours

A/C ( ) _____ (Residence)
A/C ( ) _____ (Office)

Statement of Authorization: I hereby designate and authorize _____ to act in my behalf as my agent in the processing of this permit application and to furnish, upon request, supplemental information in support of the application.

SIGNATURE OF APPLICANT

Leland E Hedges Fire Chief 5/6/95

4. DETAILED DESCRIPTION OF PROPOSED ACTIVITY

a. ACTIVITY

We would be digging a Basin in the stream Bed deep Enough To accommodate a section of Concrete Culvert approximately 2 FT Below low Water line then Back Filled with Rock on Each side To Secure Culvert, a Trench would then be dug in Stream bank To accommodate approximately 40' of 6" PCV pipe with Strainer end inside Culvert and Ending with Capped End about 2' Above Natural Grade For The Attachment of Fire Apparatus. Back Fill will Consist of Materials previously Taken From Trench and Stream Bank

b. PURPOSE

The purpose of this activity is Too Secure a all weather place To obtain water For The purpose of Fire Suppression in That Area and To Help Lower Insurance Rate for local residents

c. DISCHARGE OF DREDGED OR FILL MATERIAL

The Material Dredged and Excavated will be used Fill the Trench Needed For the Pipe, Little if any Foreign Materials will be Needed

5. NAMES AND ADDRESSES OF ADJOINING PROPERTY OWNERS, LESSEES, ETC., WHOSE PROPERTY ALSO ADJOINS THE WATERWAY

1. Harold Nelson
301 ACM 50
Libby MT 59923

2. Elmer Sieler
493 ACM 50
Libby MT 59923

6. WATERBODY AND LOCATION ON WATERBODY WHERE ACTIVITY EXISTS OR IS PROPOSED Stream Between Upper & Middle Thompson Lakes

S0 1/2 of SW1/4 of NW1/4 of NW1/4 of Section 4 Twp 27 Range 27 Lincoln County MT.

7. LOCATION ON LAND WHERE ACTIVITY EXISTS OR IS PROPOSED

ADDRESS: Same as Above

Approx .3 Miles South of Junction of ACM Rd & US Hwy 2
STREET, ROAD, ROUTE OR OTHER DESCRIPTIVE LOCATION

Lincoln | MT | 59923
COUNTY | STATE | ZIP CODE

LOCAL GOVERNING BODY WITH JURISDICTION OVERSITE

8. Is any portion of the activity for which authorization is sought now complete? ☐ YES ☒ NO
If answer is "yes" give reasons, month and year the activity was completed. Indicate the existing work on the drawings.

9. List all approvals or certifications and denials received from other federal, interstate, state or local agencies for any structures, construction, discharges or other activities described in this application.

ISSUING AGENCY	TYPE APPROVAL	IDENTIFICATION NO.	DATE OF APPLICATION	DATE OF APPROVAL	DATE OF DENIAL
Stream Preservation Act	Form 124SPA	Fish, Wildlife, & Parks		Applied For	
Floodplain Development		Lincoln County Planner		Applied For	
Short Term Exemption		MT Water Quality Bureau		Applied For	
Authorization to develop water source on Public Land.				Applied For with F, Wlf, Dept	

10. Application is hereby made for a permit or permits to authorize the activities described herein. I certify that I am familiar with the information contained in the application, and that to the best of my knowledge and belief such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities or I am acting as the duly authorized agent of the applicant.

Fisher River Vol Fire Co
Leland E Hoover Fire Chief — 5/6/95
SIGNATURE OF APPLICANT — DATE — SIGNATURE OF AGENT — DATE

The application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 3 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of The United States knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false fictitious or fraudulent statement or entry, shall be fined not more than $10,000 or imprisoned not more than five years, or both.

*U.S. Government Printing Office: 1991 — 526-255/5000

TO: LINCOLN COUNTY RURAL FIRE DISTRICT #1
P.O. BOX 796
LIBBY, MT 59923

FROM: _____
_____
_____

DATE: _____

SUBJECT: LETTER OF AUTHORIZATION TO DEVELOP AND UTILIZE WATER SOURCE ON MY PROPERTY

LINCOLN COUNTY RURAL FIRE DISTRICT #1 IS HEREBY AUTHORIZED TO DEVELOP A REFILL SITE AT _____
_____(LEGAL LOCATION)
FOR THE PURPOSE OF PROVIDING WATER TO EXTINGUISH FIRES IN MY COMMUNITY AND FOR OTHER USES WITH MY PERMISSION.
I FURTHER GIVE LINCOLN COUNTY RURAL FIRE DISTRICT #1 PERMISSION TO ERECT A DRY HYDRANT STAND AT THIS LOCATION. I UNDERSTAND THAT LINCOLN COUNTY RURAL FIRE DISTRICT #1 WILL ERECT THE STAND AND PROVIDE MATERIALS.
LINCOLN COUNTY RURAL FIRE DISTRICT #1 WILL COMPLETE ALL EXCAVATION WORK SO THAT THE SURROUNDING AREAS AND THE SURFACE OF THE GROUND WILL BE SMOOTH, AND PRESENT A PLEASING APPEARANCE.
LINCOLN COUNTY RURAL FIRE DISTRICT #1 MAY USE, TEST THE DRY HYDRANT AT ANY TIME THEY DEEM NECESSARY FOR CONTINUITY OF HYDRANT OPERATIONS.
THE COMPLETE OPERATION OF THE DRY HYDRANT STAND HAS BEEN EXPLAINED AND ALL FACETS OF THE INSTALLATION HAVE BEEN EXPLAINED AND I FULLY CONCUR WITH ALL PARTS OF THE OPERATION.

PERMISSION IS HEREBY GRANTED TO LINCOLN COUNTY RURAL FIRE DISTRICT #1 TO COME UPON MY LAND TO REFILL ITS TENDERS UNTIL I REVOKE THIS PERMISSION IN WRITING TO LINCOLN COUNTY RURAL FIRE DISTRICT #1.

_____
(SIGNATURE OF LAND OWNER)

I HAVE ADVISED THE LANDOWNER OF THE PURPOSE, TYPE OF STAND, METHOD OF OPERATION WITH THE ABOVE FACTS EXPLAINED.

_____
(SIGNATURE OF LCRFD#1 OFFICER)

CLEARANCES

FEB 2 2 1995

Stan

RECEIVED

MAR - 7 1995

F W & P REGION ONE

Montana Department of Fish, Wildlife & Parks

1420 East Sixth Avenue
P.O. Box 200701
Helena, Montana 59620-0701

RECEIVED

MAR 0 3 1995

DESIGN & CONSTRUCTION
DEPT. OF FISH, WILDLIFE & PARKS

FH
04
06

February 17, 1995

Marcella Sherfy
State Historic Preservation Officer
State Historic Preservation Office
1410 8th Avenue
P.O. Box 201202
Helena, Montana 59620-1202

Dear Marcella:

The Montana Department of Fish, Wildlife and Parks is proposing to use federal funds to develop five sites at the Thompson Chain of Lakes fishing access area. The proposed development will include access roads, boat ramps, latrines, paths, and parking. All these sites have been surveyed for cultural resources under the Thompson Chain of Lakes survey recently submitted to your office, with no cultural resources being found. Not only were these sites surveyed, all but Site 29 have been shovel tested (see attached report). The five sites proposed for development are as follows:

(1) Loon Lake Rec Site Number 11; shovel tested - 17 tests

(2) Horseshoe Lake Rec Site Number 16 & 16A; shovel tested - 29 at 16, 9 at 16A

(3) Upper Thompson Lake Rec Site Number 28 & 29; shovel tested - 15 at 28, none at 29

(4) Lower Thompson Lake Rec Site Number 42; shovel tested - 60 tests

(5) McGregor Lake Rec Site Number 3A; shovel tested - 11 tests

In addition to these five development sites, we are planning to place latrines at the following ten sites with state funds. All these locations were surveyed for cultural resources with no significant cultural resources being located. Also, many of these locations were shovel tested.

Latrines Only

(1) Little Loon Lake Rec Site Number 12; shovel tested - 16 tests

(2) Leon Lake Rec Site Number 13; shovel tested - 7 tests

(3) Horseshoe Lake Site Number 17A; shovel tested - 19 tests

(4) Centennial Acre Site Number 32; no shovel tests

(5) Middle Thompson Lake Site Number 45; no shovel tests

(6) Middle Thompson Lake Site Number 43; shovel tested - 33 tests (Note: This site is near cultural site 24LN1541, but shovel tests indicated no cultural site at Rec Site Number 43.)

(7) Lower Thompson Lake Rec Site Number 41B; shovel tested - 10 tests

(8) Lower Thompson Lake Rec Site Number 38 & 38A; no shovel tests

(9) Middle Thompson Lake Rec Site Number 36; shovel tested - 28 tests

(10) Little McGregor lake Rec Site Number 46; shovel tested - 13 tests

I have tried to put all the site shovel tests and development areas on one map (attached) to help clarify the locations per a discussion I had with Stan Wilmoth, but must admit because of the area involved and the number of shovel test sites, it is still a little confusing. The best way I found is to look at the Rec Site numbers on the report maps and the shovel test log pages 30-34 in the report. With regards to the site leads for the scarred trees, as they were not positively identified as sites, there must be some question in the surveryors' minds as to if they are cultural sites. We would like to have them verified before we record them as sites.

Based on the cultural resource survey and the extensive shovel testing, we believe there is little likelihood of these proposed projects impacting significant cultural resources. Please review the cultural resource survey and provide us with your comments.

Thank you for your time. Please call if you have any questions.

Sincerely,

Paul Valle

PAUL VALLE
Cultural Resources Coordinator
Design & Construction Bureau
Montana Fish, Wildlife and Parks

Attachment

CONCUR
MONTANA SHPO
DATE 3-1-95 SIGNED

RECEIVED
JUL 18 1995
F W & P REGION ONE

Montana Department of Fish, Wildlife & Parks

MEMORANDUM **DATE:** July 13, 1995

TO: Marty Watkins

FROM: Mary Ellen McDonald MMc

RE: Thompson Chain of Lakes -
Dry Fire Hydrants

As a follow-up to our phone disucssion today, presently Thompson Chain of Lakes is unemcumbered with LWCF.

It is FWP's intent to use the TCL as replacement property for LWCF sites, however, this action will not be completed until sometime late in 1996.

It appears that the hydrants will be unobtrusive and not negatively impact the ourdoor recreation opportunity, therefore, should not jeopardize consolidating LWCF at TCL.

Let me know if you need anything further. Thanks for giving me the opportunity to comment☺

cc: Curt Larsen
Jeff Erickson
Debby Dils